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Index of Mathematical Papers Volume 34

American Mathematical Society
Providence, Rhode Island USA
ISSN 0025-5629

Mathematical Reviews

Published by
American Mathematical Society

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Typeset in TeX. Printed by Cushing-Malloy, Inc., Ann Arbor, MI, USA.

ISSN 0025-5629 ISBN 0-8218-3364-2

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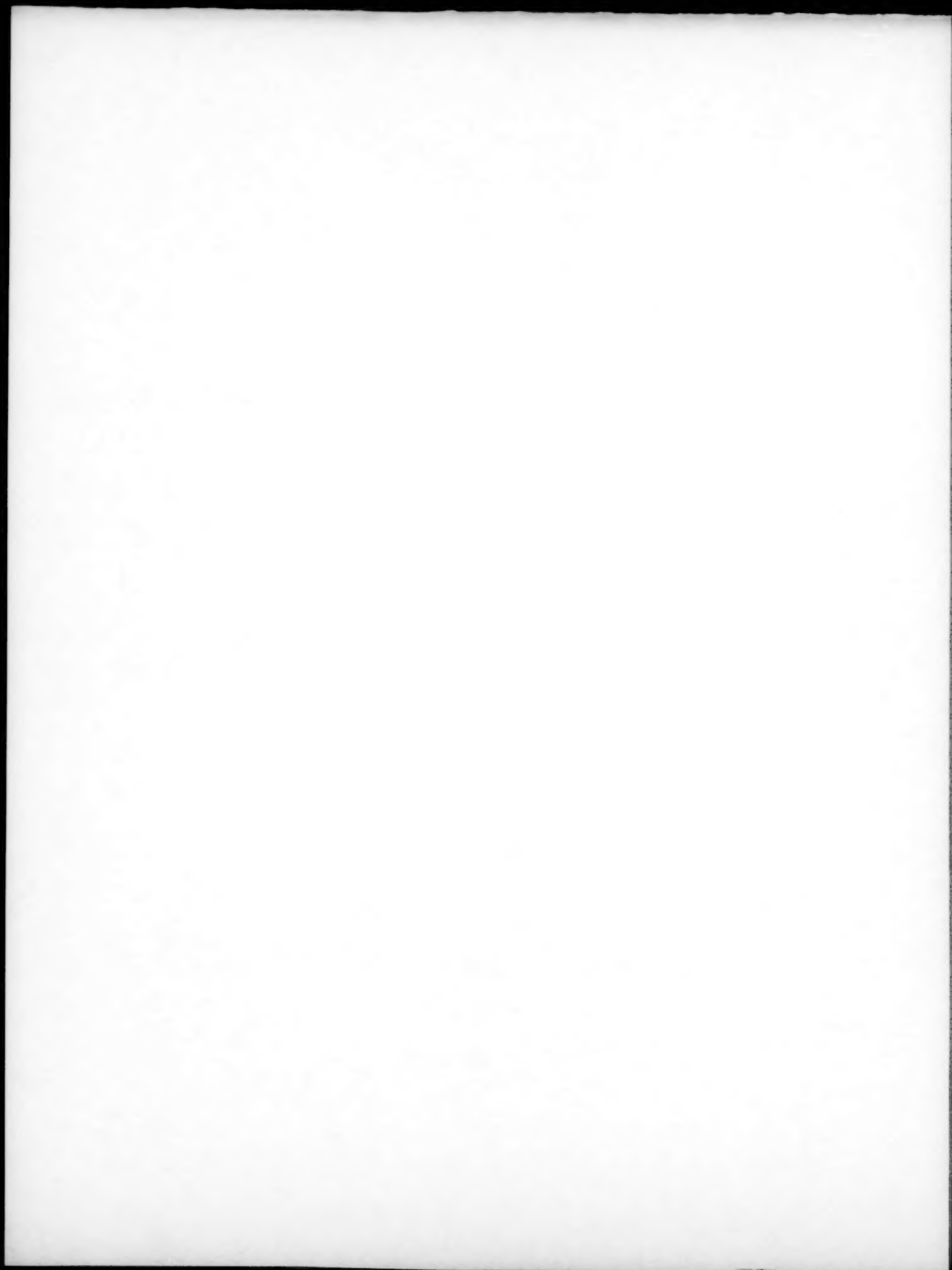
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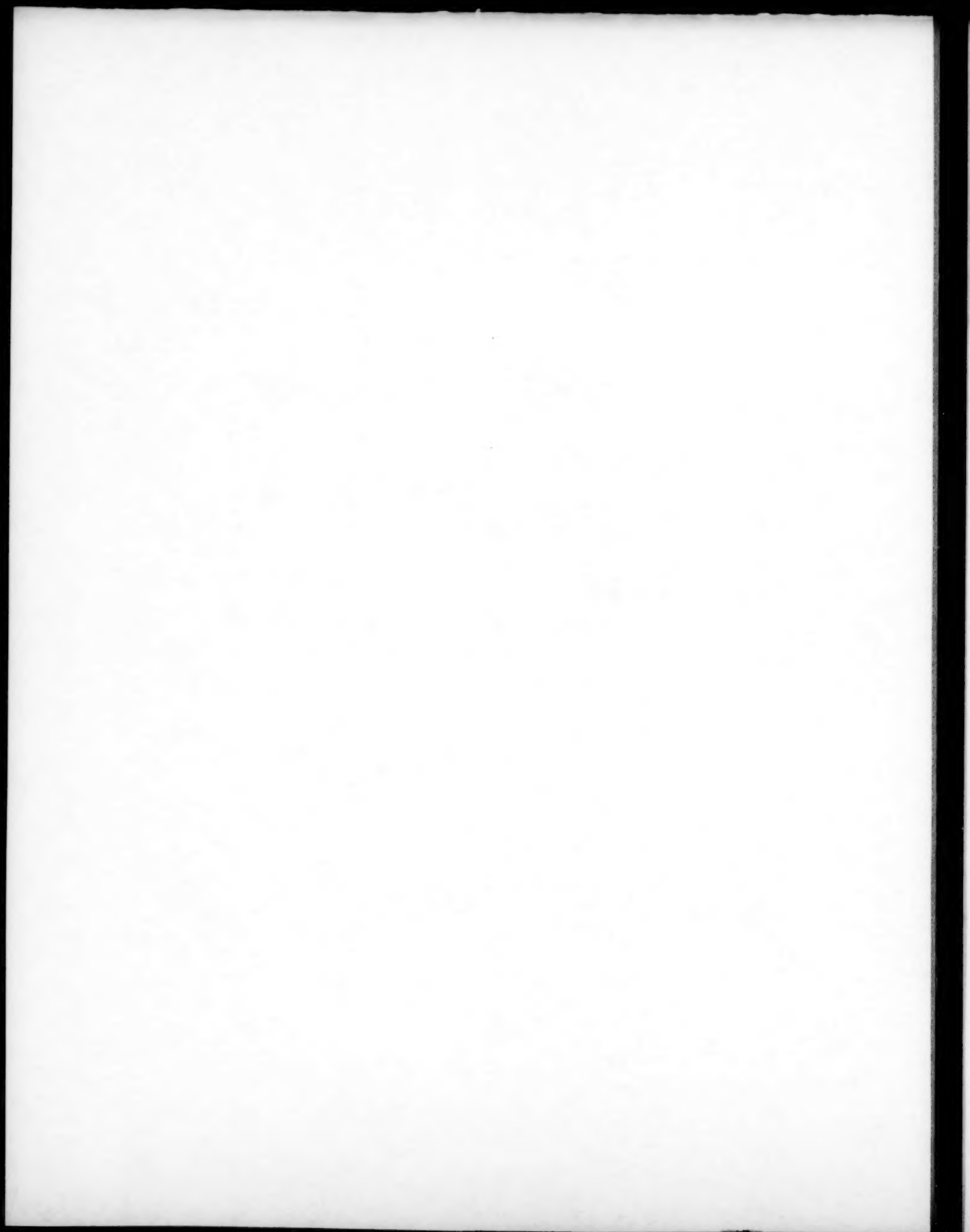
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Abbreviations of Names of Serials

This list gives the form of references used in Mathematical Reviews (MR). The abbreviation is followed by the complete title, the place of publication and other pertinent information.

- * not previously listed
- § journal reviewed cover-to-cover
- † monographic series
- Ⓔ available electronically
- Ⓥ videocassette series
- ‡ bibliographic journal

- *† **Aastaraam. Eesti Mat. Selts** Aastaraamat. Eesti Matemaatika Selts. [Annual. Estonian Mathematical Society] Eesti Mat. Selts, Tartu. ISSN 1406-4316.
- † **Abh. Akad. Wiss. Göttingen. Math.-Phys. Kl. Folge 3** Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. Folge 3. [Papers of the Academy of Sciences in Göttingen. Mathematical-Physical Class. Series 3] Vandenhoeck & Ruprecht, Göttingen.
- Abh. Braunsch. Wiss. Ges.** Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. J. Cramer Verlag, Braunschweig. ISSN 0068-0737.
- § **Abh. Math. Sem. Univ. Hamburg** Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. Vandenhoeck & Ruprecht, Göttingen. ISSN 0025-5858.
- § **Abstr. Appl. Anal.** Abstract and Applied Analysis. Hindawi Publ. Corp., Cuyahoga Falls, OH. ISSN 1085-3375.
- † **Abstracts Amer. Math. Soc.** Abstracts of Papers Presented to the American Mathematical Society. Amer. Math. Soc., Providence, RI. ISSN 0192-5857.
- Acad. Roy. Belg. Bull. Cl. Sci. (6)** Académie Royale de Belgique. Bulletin de la Classe des Sciences. 6e Série. Acad. Roy. Belgique, Brussels. ISSN 0001-4141.
- Acad. Roy. Belg. Cl. Sci. Mém. Collect. 8° (3)** Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. 3e Série. Acad. Roy. Belgique, Brussels. ISSN 0365-0936.
- † **ACM Disting. Theses** ACM Distinguished Theses. Springer, Berlin.
- § **ACM J. Exp. Algorithmics** The ACM Journal of Experimental Algorithmics. ACM, New York. ISSN 1084-6654.
- § **ACM Trans. Comput. Log.** ACM Transactions on Computational Logic. ACM, New York. ISSN 1529-3785.
- § **ACM Trans. Math. Software** Association for Computing Machinery. Transactions on Mathematical Software. ACM, New York. ISSN 0098-3500.
- § **Acta Acad. Paedagog. Agriensis Sect. Mat. (N.S.)** Acta Academiae Paedagogicae Agriensis. Nova Series. Sectio Mathematicae. Eszterházy Károly Coll., Eger.
- § **Acta Anal. Funct. Appl.** Acta Analysis Functionalis Applicata. AAFA. Yingyong Fanhanfenxi Xuebao. Science Press, Beijing. ISSN 1009-1327.
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- § **Acta Cryst. Sect. A** Acta Crystallographica. Section A: Foundations of Crystallography. Munksgaard, Copenhagen. (Continued as *Acta Crystallogr. Sect. A*) ISSN 0108-7673.
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- § **Acta Math. Hungar.** Acta Mathematica Hungarica. Akad. Kiadó, Budapest. ISSN 0236-5294.
- § **Acta Math. Inform. Univ. Ostraviensis** Acta Mathematica et Informatica Universitatis Ostraviensis. Univ. Ostrava, Ostrava. ISSN 1211-4774.
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- † **Adapt. Comput. Mach. Learn.** Adaptive Computation and Machine Learning. MIT Press, Cambridge, MA.
- Adv. Appl. Clifford Algebras** Advances in Applied Clifford Algebras. Univ. Nac. Autónoma México, México. ISSN 0188-7009.
- Adv. Appl. Stat.** Advances and Applications in Statistics. Pushpa, Allahabad. ISSN 0972-3617.

- †**Adv. Astron. Astrophys.** Advances in Astronomy and Astrophysics. Gordon and Breach, Amsterdam. ISSN 1025-8206.
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- ***Adv. Complex Syst.** Advances in Complex Systems. A Multidisciplinary Journal. World Sci. Publishing, Singapore. ISSN 0219-5259.
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- *†**Adv. Courses Math. CRM Barcelona** Advanced Courses in Mathematics—CRM Barcelona. Birkhäuser, Basel.
- †**Adv. Des. Control** Advances in Design and Control. SIAM, Philadelphia, PA.
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- †**Adv. Discrete Math. Appl.** Advances in Discrete Mathematics and Applications. Gordon and Breach, Amsterdam. ISSN 1028-3129.
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- †**Adv. Partial Differ. Equ.** Advances in Partial Differential Equations. Wiley-VCH, Berlin.
- †**Adv. Ser. Dir. High Energy Phys.** Advanced Series on Directions in High Energy Physics. World Sci. Publishing, River Edge, NJ. ISSN 0218-0324.
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- †**Adv. Ser. Stat. Sci. Appl. Probab.** Advanced Series on Statistical Science & Applied Probability. World Sci. Publishing, River Edge, NJ.
- †**Adv. Ser. Theoret. Phys. Sci.** Advanced Series on Theoretical Physical Science. World Sci. Publishing, River Edge, NJ.
- †**Adv. Soft Comput.** Advances in Soft Computing. Physica, Heidelberg.
- ***Adv. Stud. Contemp. Math. (Kyungshang)** Advanced Studies in Contemporary Mathematics (Kyungshang). Memoirs of the Jangjeon Mathematical Society. Jangjeon Math. Soc., Hapcheon. (Formerly *Adv. Stud. Contemp. Math. (Pusan)*) ISSN 1229-3067.
- §**Adv. Stud. Contemp. Math. (Pusan)** Advanced Studies in Contemporary Mathematics (Pusan). Memoirs of the Jangjeon Mathematical Society. Adv. Stud. Contemp. Math., Editor. Comm., Saga. (Continued as *Adv. Stud. Contemp. Math. (Kyungshang)*) ISSN 1229-3067.
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- †**Adv. Textb. Control Signal Process.** Advanced Textbooks in Control and Signal Processing. Springer, London.
- †**Adv. Texts Econometrics** Advanced Texts in Econometrics. Oxford Univ. Press, New York.
- †**Adv. Texts Phys.** Advanced Texts in Physics. Springer, Berlin. ISSN 1439-2674.
- §**Adv. Theor. Math. Phys.** Advances in Theoretical and Mathematical Physics. Int. Press, Somerville, MA. ISSN 1095-0761.
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- † **Cambridge Stud. Adv. Math.** Cambridge Studies in Advanced Mathematics. Cambridge Univ. Press, Cambridge.
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- † **CBMS-NSF Regional Conf. Ser. in Appl. Math.** CBMS-NSF Regional Conference Series in Applied Mathematics. SIAM, Philadelphia, PA.
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- † **Cent. Phys. Les Houches** Centre de Physique Les Houches. [Physics Center of Les Houches] Springer, Berlin.
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- † **Colec. CLE** Coleção CLE. [CLE Collection] Univ. Estad. Campinas, Campinas.
- † **Colec. Enrique Pérez Arbeláez** Colección Enrique Pérez Arbeláez. [Enrique Pérez Arbeláez Collection] Acad. Colombiana Cienc. Exact. Fis. Natur., Bogotá.
- † **Colec. Filos. Ciênc. Epistemol.** Coleção Filosofia da Ciência & Epistemologia. [Philosophy of Science and Epistemology Collection] Discurso, São Paulo.
- † **Colec. Mem.** Colección Memorias. [Conference Proceedings Collection] Acad. Colombiana Cienc. Exact. Fis. Natur., Bogotá.
- † **Colecc. Abierta** Colección Abierta. [Open Collection] Univ. Sevilla Secr. Publ., Sevilla.
- † **Colecc. Julio Carrizosa Valenzuela** Colección Julio Carrizosa Valenzuela. [Julio Carrizosa Valenzuela Collection] Acad. Colombiana Cienc. Exact. Fis. Natur., Bogotá.
- † **Colec. Teze Doctorat** Colecția Teze de Doctorat. [Doctoral Theses Collection] Presa Univ. Clujeană, Cluj-Napoca.
- † **Colec. Univ. (Baia Mare)** Colecția Universitaria (Baia Mare). [University Collection] Editura Cub Press 22, Baia Mare.
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- † **Collect. Form. Enseign. Form. Cont.** Collection Formation des Enseignants et Formation Continue. [Collection on Teacher Education and Continuing Education] Hermann, Paris.
- † **Collect. Inform.** Collection Informatique. [Data Processing Collection] Presses Polytech. Univ. Romandes, Lausanne.
- † **Collect. Livrets Exerc.** Collection Livrets d'Exercices. [Collection of Exercise Booklets] Hermann, Paris.
- † **Collect. Math.** Universitat de Barcelona. Collectanea Mathematica. Univ. Barcelona, Barcelona. ISSN 0010-0757.
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- † **Collect. Sci. Hist.** Collection Sciences dans l'Histoire. [Science in History Collection] Lib. Sci. Tech. Albert Blanchard, Paris. ISSN 1258-0996.
- † **Collect. Sci. Hist. Philos.** Collection Science Histoire Philosophie. [Science-History-Philosophy Collection] Vrin, Paris.
- † **Collect. Univ. France** Collection des Universités de France. [Collection of the Universities of France] Les Belles Lettres, Paris. ISSN 0184-7155.
- † **Collect. Works** Collected Works. Amer. Math. Soc., Providence, RI.
- † **Collect. Works A. M. Turing** Collected Works of A. M. Turing. North-Holland, Amsterdam.
- † **College Math. J.** The College Mathematics Journal. Math. Assoc. America, Washington, DC. ISSN 0746-8342.
- † **Colloq. Math.** Colloquium Mathematicum. Polish Acad. Sci., Warsaw. ISSN 0010-1354.
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 [E] **CRM Monogr. Ser.** CRM Monograph Series. Amer. Math. Soc., Providence, RI. ISSN 1065-8599.
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 [E] **Cuad. Valencia. Hist. Med. Cienc. Ser. C Repert. Biogr. Bibliogr.** Cuadernos Valencianos de Historia de la Medicina y de la Ciencia. Serie C. Repertorios Bio-Bibliográficos. [Valencian Collection on the History of Medicine and Science. Series C. Biography and Bibliography] Inst. Hist. Cienc. Doc. "López Piñero" Univ. València C.S.I.C., Valencia.
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 [E] **CWI Syllabi** CWI Syllabi. Math. Centrum, Centrum Wisk. Inform., Amsterdam.
 [E] **CWI Tract** CWI Tract. Math. Centrum, Centrum Wisk. Inform., Amsterdam.
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- Theory Probab. Math. Statist.** Theory of Probability and Mathematical Statistics. Amer. Math. Soc., Providence, RI. (Translation of *Teor. Imovir. Mat. Stat.*) ISSN 0094-9000.
- †**Theta Ser. Adv. Math.** Theta Series in Advanced Mathematics. Theta, Bucharest.
- Tianjin Daxue Xuebao. Ziran Kexue Gong Cheng Jixue Ban** See *J. Tianjin Univ. Sci. Technol. Ed.*
- §**Tohoku Math. J. (2)** The Tohoku Mathematical Journal. Second Series. Tohoku Univ., Sendai. ISSN 0040-8735.
- †**Tohoku Math. Publ.** Tohoku Mathematical Publications. Tohoku Univ., Sendai.
- †**Tokyo J. Math.** Tokyo Journal of Mathematics. Kinokuniya, Tokyo. ISSN 0387-3870.
- Tongji Daxue Xuebao Ziran Kexue Ban** Tongji Daxue Xuebao. Ziran Kexue Ban. Journal of Tongji University. Natural Science. J. Tongji Univ., Editor. Dept., Shanghai. ISSN 0253-374X.
- Top** Top. Soc. Estad. Investig. Oper., Madrid. ISSN 1134-5764.
- †**Top. Saf. Risk Reliab. Qual.** Topics in Safety, Risk, Reliability and Quality. Kluwer Acad. Publ., Dordrecht.
- †**Topics Engrg.** Topics in Engineering. Comput. Mech., Southampton. ISSN 0952-5300.
- †**Topics in Comput. Math.** Topics in Computer Mathematics. Gordon and Breach, Amsterdam. ISSN 0275-5815.
- §**Topol** Topoi. An International Review of Philosophy. Kluwer Acad. Publ., Dordrecht. ISSN 0167-7411.
- †**Topoi Libr.** Topoi Library. Kluwer Acad. Publ., Dordrecht.
- §**Topol. Methods Nonlinear Anal.** Topological Methods in Nonlinear Analysis. Julius Schauder Cent. Nonlinear Stud., Toruń. ISSN 1230-3429.
- §**Topology** Topology. An International Journal of Mathematics. Pergamon, Oxford. ISSN 0040-9383.
- §**Topology Appl.** Topology and its Applications. North-Holland, Amsterdam. ISSN 0166-8641.

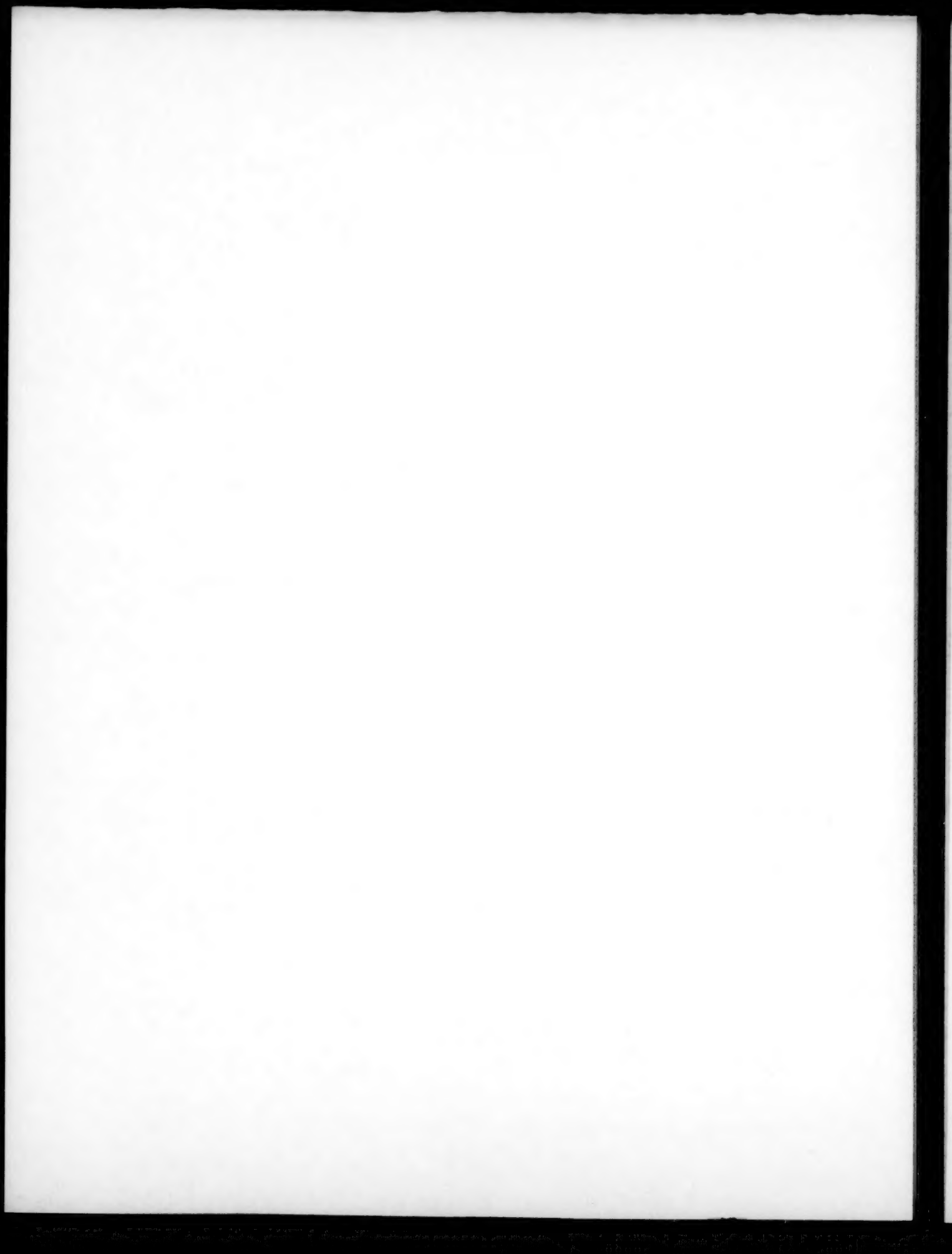
- § [E] **Topology Proc.** Topology Proceedings. Topol. Proc., Auburn, AL. ISSN 0146-4124.
- † **Toronto Stud. Philos.** Toronto Studies in Philosophy. Univ. Toronto Press, Toronto, ON.
- † **Tr. Azerb. Mat. Obshch.** Trudy Azerbaidzhanskogo Matematicheskogo Obshchestva. [Proceedings of the Azerbaijan Mathematical Society] Izdat. "Elm", Baku.
- † **Tr. Diskretn. Mat.** Труды по Дискретной Математике. [Proceedings in Discrete Mathematics] Nauchn. Izd. TVP, Moscow. (See also *Diskret. Mat.*)
- § **Tr. Geom. Semin.** Trudy Geometricheskogo Seminara. Kazanskii Gosudarstvennyi Universitet. Izdat. Kazan. Mat. Obs., Kazan'.
- † **Tr. Inst. Mat. Mekh. Akad. Nauk Azerb.** See *Proc. Inst. Math. Mech. Acad. Sci. Azerb.*
- † **Tr. Inst. Mat. (Minsk)** Труды Института Математики (Минск). [Proceedings of the Institute of Mathematics (Minsk)] Natl. Akad. Nauk Belarusi, Inst. Mat., Minsk.
- † **Tr. Inst. Prikl. Mat. Issled.** Труды Института Прикладных Математических Исследований. [Proceedings of the Institute of Applied Mathematics Research] Ross. Akad. Nauk, Karel. Nauchn. Tsentr, Petrozavodsk.
- † **Tr. Inst. Prikl. Mat. Mekh.** Труды Института Прикладной Математики и Механики. [Proceedings of the Institute of Applied Mathematics and Mechanics] Nats. Akad. Nauk Ukrainy Inst. Prikl. Mat. Mekh., Donetsk.
- § **Tr. Mat. Inst. Steklova** Trudy Matematicheskogo Instituta Imeni V. A. Steklova. Rossiiskaya Akademiya Nauk. MAIK "Nauka/Interperiodika", Moscow. (Translated in *Proc. Steklov Inst. Math.*) ISSN 0371-9685.
- † **Tr. Mat. Tsentra im. N. I. Lobachevskogo** Труды Математического Центра имени Н. И. Лобачевского. [Proceedings of the N. I. Lobachevskii Mathematical Center] Izdat. "DAS", Kazan'.
- § **Tr. Mosk. Mat. Obs.** Trudy Moskovskogo Matematicheskogo Obshchestva. URSS, Moscow. (Translated in *Trans. Moscow Math. Soc.*) ISSN 0134-8663.
- † **Tr. Nauchno-Issled. Semin. Log. Tsentra Inst. Filos. RAN** Труды Научно-Исследовательского Семинара Логического Центра Института Философии РАН. [Proceedings of the Scientific Research Seminar of the Logic Center of the Institute of Philosophy RAS] Ross. Akad. Nauk, Inst. Filos., Moscow.
- § **Tr. Petrozavodsk. Gos. Univ. Ser. Mat.** Trudy Petrozavodskogo Gosudarstvennogo Universiteta. Seriya Matematika. Gosudarstvennyi Komitet Rossiiskoi Federatsii po Vysshemu Obrazovaniyu. Izdat. Petrozavodsk. Univ., Petrozavodsk.
- † **Tr. Ross. Assots. "Zhenshchiny-Mat."** Труды Российской Ассоциации "Женщины-Математики". [Proceedings of the Russian Association "Women Mathematicians"] Izdat. Chuvash. Gos. Univ., Cheboksary.
- § **Tr. Semin. im. I. G. Petrovskogo** Trudy Seminara imeni I. G. Petrovskogo. Izdat. Moskov. Univ., Moscow. ISSN 0321-2971.
- † **Tr. St.-Peterbg. Mat. Obshch.** Труды Санкт-Петербургского Математического Общества. [Proceedings of the St. Petersburg Mathematical Society] Nauchn. Kniga, Novosibirsk. (Translated in *Amer. Math. Soc. Transl. Ser. 2*)
- † **Trab. Mat.** Trabajos de Matemática. [Mathematical Works] Univ. Nac. Córdoba, Córdoba.
- † **Trait. Signal** Traitement du Signal. [Signal Processing] Hermès, Paris.
- † **Traité Matér.** Traité des Matériaux. [The Science of Materials] Presses Polytech. Univ. Romandes, Lausanne.
- Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** Transactions of Academy of Sciences of Azerbaijan. Series of Physical-Technical and Mathematical Sciences. "Elm" Publ. House, Baku. (Formerly *Izv. Akad. Nauk Azerb. Ser. Fiz.-Tekh. Mat. Nauk*) ISSN 0002-3108.
- § [E] **Trans. Amer. Math. Soc.** Transactions of the American Mathematical Society. Amer. Math. Soc., Providence, RI. ISSN 0002-9947.
- † **Trans. Amer. Philos. Soc.** Transactions of the American Philosophical Society. Amer. Philos. Soc., Philadelphia, PA.
- Trans. ASME J. Appl. Mech.** American Society of Mechanical Engineers. Transactions of the ASME. Journal of Applied Mechanics. Amer. Soc. Mech. Engrs. (ASME), New York. ISSN 0021-8936.
- Trans. Inst. Systems Control Inform. Engrs.** Institute of Systems, Control and Information Engineers. Transactions. Shisutemu Seigyo Jōhō Gakkai Rombunshi. Inst. Systems Control Inform. Engrs., Kyoto. ISSN 1342-5668.
- Trans. Moscow Math. Soc.** Transactions of the Moscow Mathematical Society. Amer. Math. Soc., Providence, RI. (Translation of *Tr. Mosk. Mat. Obs.*) ISSN 0077-1554.
- **Trans. Nanjing Univ. Aeronaut. Astronaut.** Transactions of Nanjing University of Aeronautics & Astronautics. J. Nanjing Univ. Aeronaut. Astronaut., Ed. Dep., Nanjing. ISSN 1005-1120.
- † **Trans. St. Petersburg Acad. Sci. Strength Probl.** St. Petersburg Academy of Sciences for Strength Problems. Transactions. St. Petersburg Acad. Sci. Strength Probl., St. Petersburg.
- § **Transform. Groups** Transformation Groups. Birkhäuser Boston, Cambridge, MA. ISSN 1083-4362.
- † **Transl. Math. Monogr.** Translations of Mathematical Monographs. Amer. Math. Soc., Providence, RI.
- § **Transp. Porous Media** Transport in Porous Media. Kluwer Acad. Publ., Dordrecht. ISSN 0169-3913.
- § **Transport Theory Statist. Phys.** Transport Theory and Statistical Physics. Dekker, Monticello, NY. ISSN 0041-1450.
- † **Travaux en Cours** Travaux en Cours. [Works in Progress] Hermann, Paris.
- † **Travaux Log.** Travaux de Logique. [Works on Logic] Univ. Neuchâtel, Neuchâtel. ISSN 1420-8520.
- † **Trends Log. Stud. Log. Libr.** Trends in Logic—Studia Logica Library. Kluwer Acad. Publ., Dordrecht.
- † **Trends Math.** Trends in Mathematics. Birkhäuser Boston, Boston, MA.
- † **Tsinghua Sci. Technol.** Tsinghua Science and Technology. Tsinghua Univ. Press, Beijing. ISSN 1007-0214.
- § **Tsukuba J. Math.** Tsukuba Journal of Mathematics. Univ. Tsukuba, Ibaraki. ISSN 0387-4982.
- † **TUCS Gen. Publ.** TUCS General Publication. Turku Cent. Comput. Sci., Turku. ISSN 1239-1905.
- § [E] **Turkish J. Math.** Turkish Journal of Mathematics. Sci. Tech. Res. Council Turkey, Ankara. ISSN 1300-0098.
- † **Uch. Ross. Ocherki Vospominaniya Mater.** Ученые России. Очерки, Воспоминания, Материалы. [Scientists of Russia. Biographical Sketches. Reminiscences. Works] "Nauka", Moscow.
- † **Uchebn. Vuzov. Spets. Lit.** Учебники для Вузов. Специальная Литература. [Textbooks for College Students. Special Literature] LAN', St. Petersburg.
- Ukrain. Fiz. Zh.** Natsional'na Akademiya Nauk Ukraini. Viddilennya Fiziki i Astronomii. Ukrain'skii Fizichnii Zhurnal. Ukrainian Journal of Physics. Nats. Akad. Nauk Ukraini, Inst. Teoret. Fiz., Kiev. ISSN 0503-1265.
- § **Ukrain. Mat. Zh.** Natsional'na Akademiya Nauk Ukraini. Institut Matematiki. Ukrain'skii Matematichnii Zhurnal. Natsional. Akad. Nauk Ukraini, Inst. Mat., Kiev. (Translated in *Ukrainian Math. J.*) ISSN 0041-6053.
- § **Ukrainian Math. J.** Ukrainian Mathematical Journal. Kluwer Academic/Consultants Bureau, New York. (Translation of *Ukrain. Mat. Zh.*) ISSN 0041-5995.
- Ultra Sci. Phys. Sci.** Ultra Scientist of Physical Sciences. International Journal of Physical Sciences. Dr. A. H. Ansari, Bhopal. ISSN 0970-9150.
- UMAP J.** The UMAP Journal. The Journal of Undergraduate Mathematics and its Applications. Consort. Math. Appl. (COMAP), Lexington, MA. ISSN 0197-3622.
- † **UMIST Control Sys. Cent. Ser.** UMIST Control Systems Centre Series. Res. Stud. Press Ltd., Baldock. (Continued as *CSI: Control Signal/Image Process. Ser.*)
- † **Undergrad. Texts Contemp. Phys.** Undergraduate Texts in Contemporary Physics. Springer, New York.
- † **Undergrad. Texts Math.** Undergraduate Texts in Mathematics. Springer, New York.
- Ungyong T'ongkye Yōnku** See *Korean J. Appl. Statist.*
- § [E] **Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat.** Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Serija Matematika. Univ. Beograd, Belgrade. ISSN 0353-8893.
- § **Univ. Jagel. Acta Math.** Universitatis Jagellonicae. Acta Mathematica. Univ. Jagielloński, Kraków. ISSN 0083-4386.
- † **Univ. Joensuu Dept. Math. Rep. Ser.** University of Joensuu, Department of Mathematics Report Series. Univ. Joensuu, Joensuu. ISSN 1455-805X.
- † **Univ. Lecture Ser.** University Lecture Series. Amer. Math. Soc., Providence, RI.
- † **Univ. Lektisl Sovrem. Mat.** Университетские Лекции по Современной Математике. [University Lectures in Contemporary Mathematics] AKTA, Kharkiv.
- † **Univ. Ser. Math.** The University Series in Mathematics. Plenum, New York.
- † **Univ. Western Ontario Ser. Philos. Sci.** University of Western Ontario Series in Philosophy of Science. Kluwer Acad. Publ., Dordrecht. (Continued as *West. Ont. Ser. Philos. Sci.*)
- † **Universitext** Universitext. Springer, New York.
- § [E] **Uspekhi Mat. Nauk** Rossiiskaya Akademiya Nauk. Moskovskoe Matematicheskoe Obshchestvo. Uspekhi Matematicheskikh Nauk. "Nauka", Moscow. (Translated in *Russian Math. Surveys*) ISSN 0042-1316.
- § **Util. Math.** Utilitas Mathematica. Univ. Natal, Durban. ISSN 0315-3681.
- § **Uzbek. Mat. Zh.** Akademiya Nauk Respubliki Uzbekistan. Institut Matematiki imeni V. I. Romanovskogo. Uzbekskii Matematicheskii Zhurnal. Uzbek Mathematical Journal. "Fan", Tashkent.
- † **Vanderbilt Libr. Am. Philos.** Vanderbilt Library of American Philosophy. Vanderbilt Univ. Press, Nashville, TN.
- **Varāhmihir J. Math. Sci.** Varāhmihir Journal of Mathematical Sciences. Sandipani Acad., Ujjain.
- † **Variorum Collect. Stud. Ser.** Viorum Collected Studies Series. Viorum, Brookfield, VT.
- † **Various Publ. Ser.** Various Publications Series. Aarhus Univ., Aarhus. ISSN 0065-0188.
- † **vdf Lebrb. Math.** vdf Lehrbuch Mathematik. [vdf Textbook for Mathematics] VDF, Zürich.
- † **Verh. Afd. Natuurkd. 1. Reeks. K. Ned. Akad. Wet.** Verhandeligen, Afdeling Natuurkunde. Eerste Reeks. Koninklijke Nederlandse Akademie van Wetenschappen. [Proceedings, Physics Section. Series 1. Royal Netherlands Academy of Arts and Sciences] R. Neth. Acad. Arts Sci., Amsterdam.
- † **Veröff. Inst. Gesch. Arab.-Islam. Wiss.** Veröffentlichungen des Institutes für Geschichte der Arabisch-Islamischen Wissenschaften. [Publications of the Institute for the History of Arabic-Islamic Sciences] Inst. Gesch. Arab.-Islam. Wiss., Frankfurt am Main.
- † **Veröff. Stadtbibl. Ulm** Veröffentlichungen der Stadtbibliothek Ulm. [Publications of the Municipal Library Ulm] Stadtbibl. Ulm, Ulm.
- † **Veröff. Kommiss. Gesch. Math. Naturwissensch. Med.** Veröffentlichungen der Kommission für Geschichte der Mathematik, Naturwissenschaften und Medizin. [Publications of the Commission for the History of Mathematics, Natural Sciences and Medicine] Österreich. Akad. Wiss., Vienna.
- Vestn. Beloruss. Gos. Univ. Ser. 1 Fiz. Mat. Inform.** Vestnik Belorusskogo Gosudarstvennogo Universiteta. Seriya 1. Fizika, Matematika, Informatika. Belorus. Gos. Univ., Minsk. ISSN 0321-0367.
- Vestn. Kyrg. Gos. Ped. Univ. Ser. Mat. Fiz. Inform.** Vestnik Kyrgyzskogo Gosudarstvennogo Pedagogicheskogo Universiteta. Seriya Matematika. Fizika. Informatika. Izd. Tsentr KGPU, Bishkek.
- Vestn. Minist. Obraz. Nauki Nats. Akad. Nauk Resp. Kaz.** Vestnik Ministerstva Obrazovaniya i Nauki Natsional'noi Akademii Nauk Respubliki Kazakhstan. "Gylym", Almaty. ISSN 0002-3213.
- Vestn. Mord. Univ.** Vestnik Mordovskogo Universiteta. Nauchno-Publitsisticheskii Zhurnal. Mord. Gos. Univ., Saransk. ISSN 0236-2910.
- § **Vestn. Samar. Gos. Univ. Mat. Mekh. Fiz. Khim. Biol.** Vestnik Samarskogo Gosudarstvennogo Universiteta. Matematika. Mekhanika. Fizika. Khimiya. Biologiya. Samar. Gos. Univ., Samara.
- Vestn. Syktyvkar. Univ. Ser. 1 Mat. Mekh. Inform.** Vestnik Syktyvkarского Universiteta. Seriya 1. Matematika, Mekhanika, Informatika. Syktyvkar. Univ., Syktyvkar.
- Vestnik Chelyabinsk. Univ. Ser. 3 Mat. Mekh.** Chelyabinskii Universitet. Vestnik. Seriya 3. Matematika, Mekhanika. Chelyabinsk. Gos. Univ., Chelyabinsk.
- Vestnik Moskov. Univ. Ser. I Mat. Mekh.** Vestnik Moskovskogo Universiteta. Seriya 1. Matematika, Mekhanika. Izdat. Moskov. Univ., Moscow. (Mathematics section

- translated in *Moscow Univ. Math. Bull.*) ISSN 0201-7385.
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.** Vestnik Moskovskogo Universiteta. Seriya III. Fizika, Astronomiya. Izdat. Moskov. Univ., Moscow. ISSN 0201-7385.
- Vestnik Moskov. Univ. Ser. XV Vychisl. Mat. Kibernet.** Vestnik Moskovskogo Universiteta. Seriya XV. Vychislitel'naya Matematika i Kibernetika. Izdat. Moskov. Univ., Moscow. (Translated in *Moscow Univ. Comput. Math. Cybernet.*) ISSN 0137-0782.
- Vestnik Ross. Akad. Nauk.** Rossiiskaya Akademiya Nauk. Vestnik. MAIK "Nauka/Interperiodika", Moscow. ISSN 0869-5873.
- Vestnik St. Petersburg Univ. Math.** Vestnik St. Petersburg University. Mathematics. Allerton, New York. ISSN 1034-4541.
- Vestsi Nats. Akad. Navuk Belarusi Ser. Fiz.-Mat. Navuk.** Vestsi Natsyynal'noi Akademii Navuk Belarusi. Seriya Fizika-Matematychnykh Navuk. Izvestiya Natsional'noi Akademii Nauk Belarusi. Seriya Fiziko-Matematicheskikh Nauk. NAN Belarusi, Inst. Mat., Minsk. ISSN 0002-3574.
- †Vienna Circ. Collect.** Vienna Circle Collection. Kluwer Acad. Publ., Dordrecht.
- †Vienna Circ. Inst. Libr.** Vienna Circle Institute Library. Kluwer Acad. Publ., Dordrecht.
- †Vienna Circ. Inst. Yearb.** Vienna Circle Institute Yearbook. Kluwer Acad. Publ., Dordrecht. ISSN 0929-6328.
- †Vietnam J. Math.** Vietnam Journal of Mathematics. Springer Hong Kong, Hong Kong. ISSN 0866-7179.
- †Vieweg Stud. Aufbaukurs Math.** Vieweg Studium: Aufbaukurs Mathematik. [Vieweg Studies: Mathematics Course] Vieweg, Braunschweig.
- Vijnana Parishad Anusandhan Patrika** Vijnana Parishad Anusandhan Patrika. The Research Journal of the Hindi Science Academy. Vijnana Parishad, Allahabad. ISSN 0505-5806.
- †Vikhr. Komp'yut. Mekh. Zhidk. Gazov.** Вихревая Компьютерная Механика Жидкостей и Газов. [Vortex Computer Mechanics of Liquids and Gases] Tsent. Aerodirodin. Inst. (TsAGI), Zhukovskii.
- †Vikram Math. J.** Vikram Mathematical Journal. Vikram Univ., Ujjain.
- †Vis. Math.** Visual Mathematics. Art and Science Electronic Journal of ISIS-Symmetry. ISIS Business Office, New York.
- †Visn. Kiiv. Univ. Ser. Fiz.-Mat. Nauki** Visnik Kiiv'skogo Universitetu. Seriya: Fiziko-Matematichni Nauki. Kiiv. Univ. im. Tarasa Shevchenka, Kiev.
- Visnik L'viv. Politekh. Inst.** Visnik L'viv'skogo Politekhicheskogo Institutu.
- Vivarium** Vivarium. An International Journal for the Philosophy and Intellectual Life of the Middle Ages and Renaissance. Brill, Leiden. ISSN 0042-7543.
- Voprosy Istor. Estestvoznani. i Tekhn.** Rossiiskaya Akademiya Nauk. Institut Istori Estestvoznaniya i Tekhniki. Voprosy Istori Estestvoznaniya i Tekhniki. "Nauka", Moscow. ISSN 0205-9606.
- Voprosy Vychisl. i Prikl. Mat.** Akademiya Nauk Respubliki Uzbekistan. Voprosy Vychislitel'noi i Prikladnoi Matematiki. Khisoblash va Amali Matematika Masalalari. Akad. Nauk Respub. Uzb. Inst. Kibern. NPO "Kibern.", Tashkent. ISSN 0320-9016.
- †Vorlesungen Fachbereich Math. Univ. Essen** Vorlesungen aus dem Fachbereich Mathematik der Universität GH Essen. [Lecture Notes in Mathematics at the University of Essen] Univ. Essen, Essen.
- Vychisl. Sistemy** Rossiiskaya Akademiya Nauk. Sibskoe Otdelenie. Institut Matematiki. Vychislitel'nye Sistemy. Ross. Akad. Nauk Sib. Otd., Inst. Mat., Novosibirsk. ISSN 0568-661X.
- Vychisl. Tekhn. Vopr. Kibern.** Vychislitel'naya Tekhnika i Voprosy Kibernetiki. S.-Peterburgskii Gosudarstvennyi Universitet. Izd. St.-Peterbg. Univ., St. Petersburg. ISSN 0202-2494.
- Vychisl. Tekhnol.** Vychislitel'nye Tekhnologii. Computational Technologies. Izdat. Ross. Akad. Nauk Sibsk. Otdel., Novosibirsk. ISSN 1560-7534.
- †Vyssh. Mat.** Высшая Математика. [Higher Mathematics] "Vyssh. Shkola", Moscow.
- †Wave Motion** Wave Motion. An International Journal Reporting Research on Wave Phenomena. Elsevier, Amsterdam. ISSN 0165-2125.
- †Wavelet Anal. Appl.** Wavelet Analysis and its Applications. Academic Press, Boston, MA.
- †Waves Random Media** Waves in Random Media. Inst. Phys., Bristol. ISSN 0959-7174.
- Weifen Fangcheng Niankan** See *Ann. Differential Equations*
- †West. Ont. Ser. Philos. Sci.** Western Ontario Series in Philosophy of Science. Kluwer Acad. Publ., Dordrecht. (Formerly *Univ. Western Ontario Ser. Philos. Sci.*)
- Wiadom. Mat.** Rozniki Polskiego Towarzystwa Matematycznego. Seria II. Wiadomości Matematyczne. Polsk. Tow. Mat., Warsaw. ISSN 0373-8302.
- †Wiley Classics Lib.** Wiley Classics Library. Wiley-Interscience, New York.
- †Wiley Pub. Math. Statist.** A Wiley Publication in Mathematical Statistics. Wiley, New York.
- †Wiley Sci. Paperb. Ser.** Wiley Science Paperback Series. Wiley, New York.
- †Wiley Ser. Math. Comput. Biol.** Wiley Series in Mathematical and Computational Biology. Wiley, Chichester.
- †Wiley Ser. Nonlinear Sci.** Wiley Series in Nonlinear Science. Wiley, Chichester.
- †Wiley Ser. Probab. Stat.** Wiley Series in Probability and Statistics. Wiley-Intersci., New York.
- †Wiley Ser. Probab. Stat. Financial Eng. Sect.** Wiley Series in Probability and Statistics. Financial Engineering Section. Wiley-Interscience, New York.
- †Wiley Ser. Probab. Stat. Surv. Methodol. Sect.** Wiley Series in Probability and Statistics: Survey Methodology Section. Wiley-Interscience, New York.
- †Wiley Ser. Probab. Stat. Texts Ref. Pocketb. Sect.** Wiley Series in Probability and Statistics: Texts, References, and Pocketbooks Section. Wiley-Interscience, New York.
- †Wiley Ser. Probab. Statist. Probab. Statist.** Wiley Series in Probability and Statistics: Probability and Statistics. Wiley-Interscience, New York.
- †Wiley Ser. Pure Appl. Optics** Wiley Series in Pure and Applied Optics. Wiley, New York.
- †Wiley Ser. Syst. Eng.** Wiley Series in Systems Engineering. Wiley, New York.
- †Wiley-Intersci. Publ.** A Wiley-Interscience Publication. Wiley, New York.
- †Wiley-Intersci. Ser. Discrete Math. Optim.** Wiley-Interscience Series in Discrete Mathematics and Optimization. Wiley-Interscience, New York.
- †Wiley-Intersci. Ser. Systems Optim.** Wiley-Interscience Series in Systems and Optimization. Wiley, Chichester.
- †Wiley-Praxis Ser. Astron. Astrophys.** Wiley-Praxis Series in Astronomy and Astrophysics. Wiley, Chichester.
- †World Sci. Lecture Notes Phys.** World Scientific Lecture Notes in Physics. World Sci. Publishing, River Edge, NJ.
- †World Sci. Monogr. Ser. Math.** World Scientific Monograph Series in Mathematics. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. 20th Century Math.** World Scientific Series in 20th Century Mathematics. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. 20th Century Phys.** World Scientific Series in 20th Century Physics. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. Comput. Sci.** World Scientific Series in Computer Science. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. Contemp. Chem. Phys.** World Scientific Series in Contemporary Chemical Physics. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. Nonlinear Sci. Ser. A Monogr. Treatises** World Scientific Series on Nonlinear Science. Series A: Monographs and Treatises. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. Nonlinear Sci. Ser. B Spec. Theme Issues Proc.** World Scientific Series on Nonlinear Science. Series B: Special Theme Issues and Proceedings. World Sci. Publishing, River Edge, NJ.
- †World Sci. Ser. Robot. Intell. Systems** World Scientific Series in Robotics and Intelligent Systems. World Sci. Publishing, River Edge, NJ.
- †Writ. Sci.** Writing Science. Stanford Univ. Press, Stanford, CA.
- Wuhan Daxue Xuebao Ziran Kexue Ban** See *J. Wuhan Univ. Natur. Sci. Ed.*
- Wuhan Univ. J. Nat. Sci.** Wuhan University. Journal of Natural Sciences. WUJNS. J. Wuhan Univ., Editor. Dept., Wuhan. (See also *J. Wuhan Univ. Natur. Sci. Ed.*) ISSN 1007-1202.
- Wuli Xuebao** See *Acta Phys. Sinica*
- Xi'an Jiaotong Daxue Xuebao** Xi'an Jiaotong Daxue Xuebao. Journal of Xi'an Jiaotong University. J. Xi'an Jiaotong Univ., Editor. Board, Xi'an. ISSN 0253-987X.
- Xiamen Daxue Xuebao Ziran Kexue Ban** Xiamen Daxue Xuebao. Ziran Kexue Ban. Journal of Xiamen University. Natural Science. J. Xiamen Univ., Editor. Dept., Xiamen. ISSN 0438-0479.
- Xiangtan Daxue Ziran Kexue Xuebao** See *Natur. Sci. J. Xiangtan Univ.*
- Xibei Daxue Xuebao** See *J. Northwest Univ.*
- Xibei Shifan Daxue Xuebao Ziran Kexue Ban** Xibei Shifan Daxue Xuebao. Ziran Kexue Ban. Journal of Northwest Normal University. Natural Science. J. Northwest Norm. Univ., Editor. Dept., Lanzhou. ISSN 1001-988X.
- Xinan Shifan Daxue Xuebao Ziran Kexue Ban** Xinan Shifan Daxue Xuebao. Ziran Kexue Ban. Journal of Southwest China Normal University. Natural Science. J. Southwest China Norm. Univ. (Nat. Sci.), Editor. Dept., Chongqing. ISSN 1000-5471.
- Xinjiang Daxue Xuebao Ligong Ban** See *J. Xinjiang Univ. Sci. Eng.*
- Xinxi Kongzhi** See *Inform. and Control (Shenyang)*
- Xitong Kexue yu Shuxue** See *J. Systems Sci. Math. Sci.*
- Yangzhou Daxue Xuebao Ziran Kexue Ban** See *J. Yangzhou Univ. Nat. Sci. Ed.*
- Yantai Daxue Xuebao Ziran Kexue Gongcheng Ban** See *J. Yantai Univ. Nat. Sci. Eng.*
- Yantai Shifan Xueyuan Xuebao Ziran Kexue Ban** See *Yantai Teach. Univ. J. Nat. Sci. Ed.*
- Yantai Teach. Univ. J. Nat. Sci. Ed.** Yantai Teachers University Journal. Natural Science Edition. Yantai Shifan Xueyuan Xuebao. Ziran Kexue Ban. Yantai Teach. Univ. J., Editor. Dept., Yantai. ISSN 1004-4930.
- Yingyong Fanhanfenxi Xuebao** See *Acta Anal. Funct. Appl.*
- Yingyong Gaili Tongli** See *Chinese J. Appl. Probab. Statist.*
- Yingyong Shuxue he Lixue** See *Appl. Math. Mech.*
- Yingyong Shuxue Xuebao** See *Acta Math. Appl. Sin. and Acta Math. Appl. Sinica*
- Yiyang Shizhuan Xuebao** See *J. Yiyang Teachers College*
- †Yokohama Math. J.** Yokohama Mathematical Journal. Yokohama City Univ., Yokohama. ISSN 0044-0523.
- †Yugosl. J. Oper. Res.** Yugoslav Journal of Operations Research. An International Journal dealing with Theoretical and Computational Aspects of Operations Research, Systems Science, and Management Science. Univ. Belgrade, Belgrade. ISSN 0354-0243.
- Yunchouxue Xuebao** See *OR Trans.*
- †Yunnan Daxue Xuebao Ziran Kexue Ban** See *J. Yunnan Univ. Nat. Sci.*
- †Z. Anal. Anwendungen** Zeitschrift für Analysis und ihre Anwendungen. Journal for Analysis and its Applications. Heldermann, Lemgo. ISSN 0232-2064.
- †Z. Angew. Math. Phys.** Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physique Appliquées. Birkhäuser, Basel. ISSN 0044-2275.
- †Z. Gesch. Arab.-Islam. Wiss.** Zeitschrift für Geschichte der Arabisch-Islamischen Wissenschaften. Inst. Gesch. Arab.-Islam. Wiss., Frankfurt am Main. ISSN 0179-4639.
- †Z. Krist.** Zeitschrift für Kristallographie. International Journal for Structural, Physical, and Chemical Aspects of Crystalline Materials. Oldenbourg, Munich. ISSN 0044-2968.
- †ZAMM Z. Angew. Math. Mech.** ZAMM. Zeitschrift für Angewandte Mathematik und Mechanik. Journal of Applied Mathematics and Mechanics. Wiley-VCH, Berlin. ISSN 0044-2267.
- †Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)** Rossiiskaya Akademiya Nauk. Sankt-Petersburgskoe Otdelenie. Matematicheskii Institut im. V. A. Steklova. Zapiski Nauchnykh Seminarov (POMI). "Nauka" S.-Peterburg. Otdel., St. Petersburg. (Translated in *J. Math. Sci. (New York)*) ISSN 0373-2703.
- Zb. Rad. (Beogr.)** Zbornik Radova. (Beograd). Mat. Inst. SANU, Belgrade.
- †Zebra-reeks** Zebra-reeks. [Zebra Series] Epsilon Uitgaven, Utrecht.
- †Zent.bl. MATH** Zentralblatt MATH. Springer, Berlin. ISSN 1436-3356.
- †Zesz. Nauk. Univ. Opol. Mat.** Zeszyty Naukowe Uniwersytetu Opolskiego. Matematyka. Wydaw. Univ. Opolsk., Opole. ISSN 1426-6881.
- †Zeszyty Nauk. Geom.** Zeszyty Naukowe Geometria. Politech. Poznańska, Poznań. ISSN 0239-488X.

- § *Zeszyty Nauk. Politech. Rzeszowskiej Mat.* *Zeszyty Naukowe Politechniki Rzeszowskiej. Matematyka. Politech. Rzeszowska, Rzeszów.* ISSN 1232-7867.
- † *Zetemata Ist. Epistem.* *Zetemata Istoriae ton Epistemon.* [Issues in the History of Science] *Math. Vivl. H. Vafeiadis, Thessaloniki.*
- † *Zeuthen Lect. Book Ser.* *Zeuthen Lecture Book Series.* MIT Press, Cambridge, MA.
- § *Zh. Vychisl. Mat. Mat. Fiz.* *Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki.* Rossiiskaya Akademiya Nauk. MAIK "Nauka/Interperiodika", Moscow. (Translated in *Comput. Math. Math. Phys.*) ISSN 0044-4669.
- Zhangzhou Shifan Xueyuan Xuebao Ziran Kexue Ban* See *J. Zhangzhou Teach. Coll. Nat. Sci.*
- Zhejiang Daxue Xuebao Lixue Ban* See *J. Zhejiang Univ. Sci. Ed.*
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- Zhongshan Daxue Xuebao Ziran Kexue Ban* See *Acta Sci. Natur. Univ. Sunyatseni*
- Zidonghua Xuebao* See *Acta Automat. Sinica*
- Ziran Kexueshi Yanjiu* See *Stud. Hist. Nat. Sci.*

Journals in Translation

- [E] **Algebra Logic** Algebra and Logic. Kluwer Academic/Consultants Bureau, New York. (Translation of *Algebra Logika*) ISSN 0002-5232.
- † **Amer. Math. Soc. Transl. Ser. 2** American Mathematical Society Translations, Series 2. Amer. Math. Soc., Providence, RI. (Selected translation of *Tr. St.-Peterbg. Mat. Obshch.*) ISSN 0065-9290.
- Appl. Math. Mech. (English Ed.)** Applied Mathematics and Mechanics. English Edition. Shanghai Univ. Press, Shanghai. (Translation of *Appl. Math. Mech.*) ISSN 0253-4827.
- [E] **Autom. Remote Control** Automation and Remote Control. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Avtomat. i Telemekh.*) ISSN 0005-1179.
- Chinese J. Contemp. Math.** Chinese Journal of Contemporary Mathematics. Allerton, New York. (Partial translation of *Chinese Ann. Math. Ser. A*) ISSN 0898-5111.
- Chinese J. Numer. Math. Appl.** Chinese Journal of Numerical Mathematics and Applications. Allerton, New York. (Partial translation of *J. Numer. Methods Comput. Appl. and Math. Numer. Sin.*) ISSN 0899-4358.
- [E] **Chinese Sci. Bull.** Chinese Science Bulletin. Sci. China Press, Beijing. (Translation of *Kexue Tongbao (Chinese)*) ISSN 1001-6538.
- Comput. Math. Math. Phys.** Computational Mathematics and Mathematical Physics. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Zh. Vychisl. Mat. Mat. Fiz.*) ISSN 0965-5425.
- [E] **Comput. Math. Model.** Computational Mathematics and Modeling. Kluwer Academic/Consultants Bureau, New York. (Selected translations of Russian language publications) ISSN 1046-283X.
- [E] **Cybernet. Systems Anal.** Cybernetics and Systems Analysis. (Translation of *Kibernet. Sistem. Anal.*) ISSN 1060-0396.
- [E] **Differ. Equ.** Differential Equations. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Differ. Uravn.*) ISSN 0012-2661.
- Discrete Math. Appl.** Discrete Mathematics and Applications. VSP, Zeist. (Translation of *Discret. Mat.*) ISSN 0924-9265.
- [E] **Dokl. Phys.** Doklady Physics. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of the physics section of *Dokl. Akad. Nauk*) ISSN 1028-3358.
- † **Encyclopaedia Math. Sci.** Encyclopaedia of Mathematical Sciences. Springer, Berlin. (Selected translation of *Itogi Nauki i Tekhniki i Sovrem. Probl. Mat. Fund. Naprav.*) ISSN 0938-0396.
- [E] **Fluid Dynam.** Fluid Dynamics. (Translation of *Izv. Ross. Akad. Nauk Mekh. Zhidk. Gaza*) ISSN 0015-4628.
- [E] **Funct. Anal. Appl.** Functional Analysis and its Applications. (Translation of *Funktsional. Anal. i Prilozhen.*) ISSN 0016-2663.
- [E] **Internat. Appl. Mech.** International Applied Mechanics. (Translation of *Prikl. Mekh.*) ISSN 1063-7095.
- Izv. Atmos. Ocean. Phys.** Izvestiya, Atmospheric and Oceanic Physics. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Fiz. Atmos. Okeana*) ISSN 0001-4338.
- [E] **Izv. Math.** Izvestiya, Mathematics. Presidium Russ. Acad. Sci., Moscow. (Translation of *Izv. Ross. Akad. Nauk Ser. Mat.*) ISSN 1064-5632.
- [E] **J. Appl. Math. Mech.** Journal of Applied Mathematics and Mechanics. Pergamon, Oxford. (Translation of *Prikl. Mat. Mekh.*) ISSN 0021-8928.
- [E] **J. Appl. Mech. Tech. Phys.** Journal of Applied Mechanics and Technical Physics. (Translation of *Prikl. Mekh. Tekhn. Fiz.*) ISSN 0021-8944.
- J. Contemp. Math. Anal.** Journal of Contemporary Mathematical Analysis. Allerton, New York. (Translation of *Izv. Nats. Akad. Nauk Armenii Mat.*) ISSN 1068-3623.
- [E] **J. Math. Sci. (New York)** Journal of Mathematical Sciences (New York). Kluwer Academic/Consultants Bureau, New York. (Selected translations of Russian language publications *Itogi Nauki i Tekh. Ser. Sovrem. Mat. Prilozh. Temat. Obz., Mat. Metodi Fiz.-Mekh. Polyu, Probl. Mat. Anal. and Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)*) ISSN 1072-3374.
- [E] **Lithuanian Math. J.** Lithuanian Mathematical Journal. (Translation of *Liet. Mat. Rink.*) ISSN 0363-1672.
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- Moscow Univ. Comput. Math. Cybernet.** Moscow University Computational Mathematics and Cybernetics. Allerton, New York. (Translation of *Vestnik Moskov. Univ. Ser. XV Vychisl. Mat. Kibernet.*) ISSN 0278-6419.
- Moscow Univ. Math. Bull.** Moscow University Mathematics Bulletin. Allerton, New York. (Translation of the mathematics section of *Vestnik Moskov. Univ. Ser. I Mat. Mekh.*) ISSN 0027-1332.
- [E] **Probl. Inf. Transm.** Problems of Information Transmission. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Problemy Peredachi Informatsii*) ISSN 0032-9460.
- Proc. Steklov Inst. Math.** Proceedings of the Steklov Institute of Mathematics. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Tr. Mat. Inst. Steklova*) ISSN 0081-5438.
- [E] **Program. Comput. Software** Programming and Computer Software. MAIK Nauka/Interperiod. Publ., Moscow. (Translation of *Programirovanie*) ISSN 0361-7688.
- [E] **Radiophys. and Quantum Electronics** Radiophysics and Quantum Electronics. (Translation of *Izv. Vyssh. Uchebn. Zaved. Radiofiz.*) ISSN 0033-8443.
- Russian J. Numer. Anal. Math. Modelling** Russian Journal of Numerical Analysis and Mathematical Modelling. VSP, Zeist. (Selected translations of Russian language publications) ISSN 0927-6467.
- Russian Math. (Iz. VUZ)** Russian Mathematics (Izvestiya VUZ. Matematika). Allerton, New York. (Translation of *Izv. Vyssh. Uchebn. Zaved. Mat.*) ISSN 1066-369X.
- [E] **Russian Math. Surveys** Russian Mathematical Surveys. London Math. Soc., London. (Translation of *Uspekhi Mat. Nauk*) ISSN 0036-0279.
- [E] **Russian Phys. J.** Russian Physics Journal. (Translation of *Izv. Vyssh. Uchebn. Zaved. Fiz.*) ISSN 1064-8887.
- Sb. Math.** Sbornik. Mathematics. Presidium Russ. Acad. Sci., Moscow. (Translation of *Mat. Sb.*) ISSN 1064-5616.
- Siberian Adv. Math.** Siberian Advances in Mathematics. Allerton, New York. (Selected translations of Russian language publications) ISSN 1055-1344.
- [E] **Siberian Math. J.** Siberian Mathematical Journal. Kluwer Academic/Consultants Bureau, New York. (Translation of *Sibirsk. Mat. Zh.*) ISSN 0037-4466.
- St. Petersburg Math. J.** St. Petersburg Mathematical Journal. Amer. Math. Soc., Providence, RI. (Translation of *Algebra i Analiz*) ISSN 1061-0022.
- Sugaku Expositions** Sugaku Expositions. Amer. Math. Soc., Providence, RI. (Selected translation of *Sugaku*) ISSN 0898-9583.
- [E] **Theoret. and Math. Phys.** Theoretical and Mathematical Physics. Kluwer Academic/Consultants Bureau, New York. (Translation of *Teoret. Mat. Fiz.*) ISSN 0040-5779.
- [E] **Theory Probab. Appl.** Theory of Probability and its Applications. SIAM, Philadelphia, PA. (Translation of *Teor. Veroyatnost. i Primenen.*) ISSN 1095-7219.
- Theory Probab. Math. Statist.** Theory of Probability and Mathematical Statistics. Amer. Math. Soc., Providence, RI. (Translation of *Teor. Imovir. Mat. Stat.*) ISSN 0094-9000.
- Trans. Moscow Math. Soc.** Transactions of the Moscow Mathematical Society. Amer. Math. Soc., Providence, RI. (Translation of *Tr. Mosk. Mat. Obs.*) ISSN 0077-1554.
- [E] **Ukrainian Math. J.** Ukrainian Mathematical Journal. Kluwer Academic/Consultants Bureau, New York. (Translation of *Ukrain. Mat. Zh.*) ISSN 0041-5995.



TRANSLITERATION OF CYRILLIC

The system for transliteration (romanization) of Cyrillic used in this index is given below in the column headed "MR (new)". It is the system that has been used in Mathematical Reviews since the beginning of 1983 and it is largely in agreement with other transliteration systems in use in the U.S.A., such as those of the American National Standards Institute (ANSI), the U.S. Library of Congress (LC), and the Institute for Scientific Information (ISI). The principal feature of these systems is that they are intended to be as phonetic as possible for speakers of English.

The table below lists all Cyrillic letters occurring in Slavic languages, and the transliteration schemes used by:

Mathematical Reviews since 1983 = MR (new),
MR before 1983 and Zentralblatt für Mathematik (Zbl) before
1980 = old (MR, Zbl),
Zbl since 1980 = Zbl (new),
American National Standards Institute = ANSI,
U.S. Library of Congress = LC,
Institute for Scientific Information = ISI.

The transliteration of the British Standards Institute (BSI) agrees with that of ISI, except for the letters \bar{e} and \bar{y} \rightarrow \bar{i} .

In the schemes of some of these enterprises, a few Cyrillic letters receive more than one transliteration, depending on the language in which the letter occurs. Non-Russian Cyrillic letters and transliterations different from the ones for Russian are identified by superscript numbers:

- 1 Ukrainian
- 2 Belorussian
- 3 Serbian
- 4 Macedonian
- 5 Bulgarian.

In order to achieve complete reversibility of the transliteration scheme, centered dots are used as a separating or bracketing device in the following cases: $тс \rightarrow t \cdot s$, $тш \rightarrow t \cdot sh$, $шч \rightarrow sh \cdot ch$, $уу \rightarrow y \cdot u$, $уа \rightarrow y \cdot a$, $дж \rightarrow d \cdot j$, $лж \rightarrow l \cdot j$, $нж \rightarrow n \cdot j$, for separation, and $у \rightarrow dzh$ for bracketing.

Alphabetization (in indexes, etc.) follows the "stripped" version (i.e., without diacritical marks) of the transliteration; the symbol " (double prime) representing \ddot{y} and the single prime representing \acute{y} are treated as diacritical marks and ignored. The capital version of the Bulgarian " is distinguished by an underbar: "̄.

Transliteration of Cyrillic								
Cyrillic			MR (new)	old (MR, Zbl)	Zbl (new)	ANSI	LC	ISI
А	а	<i>a</i>	a	a	a	a	a	a
Б	б	<i>б</i>	b	b	b	b	b	b
В	в	<i>в</i>	v	v	v	v	v	v
Г	г	<i>г</i>	g	g	g	g	g, h ¹	g
Д	д	<i>д, g</i>	d	d	d	d	d	d
Ђ	ђ ³	<i>ђ³</i>	dj	Đ d	dj	d	d	
Ѓ	ѓ ⁴	<i>ѓ⁴</i>	g			g	g	
Е	е	<i>е</i>	e	e	e	e	e	e
Ё	ё	<i>ё</i>	ë	ë	e	ë	ë	e
Є	є ^{1,2}	<i>є^{1,2}</i>	ē	ē	je	ye	iē	
Ж	ж	<i>жс</i>	zh	ž	zh	zh, ž ^{3,4}	zh, žh ¹ , ž ^{3,4}	zh
З	з	<i>з</i>	z	z	z	z	z	z
И	и	<i>и</i>	i	i	i	i	i, y ¹	i
І	і ^{1,2}	<i>і^{1,2}</i>	ī	ī	yi	ī	i	
Ї	ї ¹	<i>ї¹</i>	ï	ï	yi	ï	ï	
Ј	ј ^{3,4}	<i>ј^{3,4}</i>	j	j	j	j	j	j
Й	й	<i>й</i>	ī	ī	j	ī	ī	i
К	к	<i>к</i>	k	k	k	k	k	k
Л	л	<i>л</i>	l	l	l	l	l	l
Љ	љ ^{3,4}	<i>љ^{3,4}</i>	lj	lj	lj	lj	lj	
М	м	<i>м</i>	m	m	m	m	m	m
Н	н	<i>н</i>	n	n	n	n	n	n
Њ	њ ^{3,4}	<i>њ^{3,4}</i>	nj	nj	nj	nj	nj	
О	о	<i>о</i>	o	o	o	o	o	o
П	п	<i>п</i>	p	p	p	p	p	p
Р	р	<i>р</i>	r	r	r	r	r	r
С	с	<i>с</i>	s	s	s	s	s	s
Т	т	<i>т</i>	t	t	t	t	t	t
Ќ	ћ ³	<i>ћ³</i>	ć	ć	cj	ć	ć	
Ў	ў ⁴	<i>ў⁴</i>	ķ		k	ķ	ķ	
У	у	<i>у</i>	u	u	u	u	u	u
Ў	ў ²	<i>ў²</i>	ũ			ũ	ũ	
Ф	ф	<i>ф</i>	f	f	f	f	f	f
Х	х	<i>х</i>	kh	h	kh	kh, h ^{3,4}	kh, h ^{3,4}	kh
Ц	ц	<i>ц</i>	ts	c	ts	ts, c ^{3,4}	ts̄, ts̄ ¹ , c ^{3,4}	ts
Ч	ч	<i>ч</i>	ch	č	ch	ch, č ^{3,4}	ch, č ^{3,4}	ch
Ї	џ ^{3,4}	<i>џ^{3,4}</i>	dzh	dž	dzh	dž	dž	
Ш	ш	<i>ш</i>	sh	š	sh	sh, š	sh, š ^{3,4}	sh
Щ	щ	<i>щ</i>	shch	šč	shch, sht ⁵	shch	shch, sht ⁵	shch
[Ъ]	ъ	<i>ъ</i>	["]	"	"	"	"	"
Ы	ы	<i>ы</i>	y	y	y	y	y	y
Ь	ь	<i>ь</i>	,	,	,	,	,	,
Э	э	<i>э</i>	è	è	eh	é	é	é
Ю	ю	<i>ю</i>	yu	ju	yu	yu	iū	yu
Я	я	<i>я</i>	ya	ja	ya	ya	iā	ya

1 Ukrainian; 2 Belorussian; 3 Serbian; 4 Macedonian; 5 Bulgarian.

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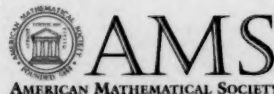
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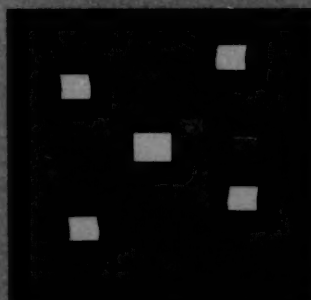
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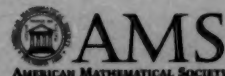
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The screenshot shows the AMS website interface with a top navigation bar containing links like 'Bookstore', 'CMS', 'Journals', 'MathSciNet', 'MR Lookup', and 'RSC'. The main content area is divided into several columns with links to 'Memberships', 'Customer Services', 'Employment Services', 'Meetings & Conferences', 'AMS Governance', 'Careers & Education', 'MathSciNet', 'Journals', 'Public Awareness', 'Prizes & Awards', 'Living in the AMS', 'Search the AMS website', 'Math on the Web', and 'Bibliography Tools'. A 'Recent Additions' section is also visible on the right side of the screenshot.

The website of the AMS facilitates access to scientific information, resources, and tools for the mathematical community. Sample topics that you'll find include ...

Membership

www.ams.org/membership

Join the AMS, renew your membership, take advantage of member-only services, and more!

Employment Services

www.ams.org/employment

Check out job listings, visit the employment center, get help with your academic job search, and more!

Meetings & Conferences

www.ams.org/meetings

Register for meetings, find out about dates and places of meetings and conferences, learn how to submit an abstract or paper, and more!

Books

www.ams.org/bookstore

Visit the AMS Bookstore to browse and purchase publications, products, and services.

Journals

www.ams.org/journals

Read about cutting-edge research; view papers online prior to their publication in the printed issue, browse *Notices of the AMS* and *Bulletin of the AMS*—both are free online!

MathSciNet

www.ams.org/mathscinet

Mathematical Reviews on the Web—the premier source for searching the world's mathematical literature.

Math Reviews

www.ams.org/mr-database

Submit reviews, learn about MR-derived products, utilize MR resources, and more!

Careers and Education

www.ams.org/careers-edu

Find student help, learn about funding, surveys, and programs in the mathematical sciences!

There's more! Other AMS Website features include:

- AMS User Account Services
- "Your Subscriptions" Information
- Mathematical News and Information
- What's New in Math



ISBN 0-8218-3344-2



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